

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371 AND 37 CFR 1.491</b>		ATTORNEY DOCKET NO.  P2142US U.S. APPLICATION NO. Unassigned <b>10/528311</b>
INTERNATIONAL APPLICATION NO. PCT/US2003/029684	INTERNATIONAL FILING DATE 19 September 2003 (19.09.2003)	PRIORITY DATE CLAIMED 19 September 2002 (19.09.2002)
TITLE OF INVENTION CANCER IMMUNOTHERAPY WITH A VIRAL ANTIGEN-DEFINED, IMMUNOMODULATOR-SECRETING CELL VACCINE		
APPLICANT(S) FOR DO/EO/US Ambinder et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371 and 37 CFR 1.491.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371 and 37 CFR 1.491.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).		
4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper Copy</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>		
<b>Items 12 to 19 below concern other document(s) or information included:</b>		
12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of non-U.S. patent publications Documents</li> </ul>		
13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
14. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <ul style="list-style-type: none"> <li><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> </ul>		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A change of power of attorney and/or address letter.		
17. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76		
18. <input checked="" type="checkbox"/> Return Receipt Postcard		
19. <input checked="" type="checkbox"/> Other items or information: Copy of International Search Report for PCT/US2003/029684		

U.S. APPLICATION NO. Unassigned <b>10/528311</b>		INTERNATIONAL APPLICATION NO. PCT/US2003/029684		ATTORNEY DOCKET NO. P2142US	
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20. The following fees are submitted:				Calculations	PTO Use Only
<input checked="" type="checkbox"/> a) Basic national fee.....\$300.00				\$300.00	
<input checked="" type="checkbox"/> b) Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....\$100.00					
All other situations .....\$200.00				\$200.00	
<input checked="" type="checkbox"/> c) Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00					
International Search Report prepared and provided to the Office.....\$400.00				\$100.00	
All other situations.....\$500.00					
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$600.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	57 -20=	37	x \$50.00	\$1,850.00	
Independent Claims	5 - 3 =	2	x \$200.00	\$400.00	
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)				+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS=</b>				<b>\$2,850.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$1,425.00	
<b>SUBTOTAL=</b>				<b>\$1,425.00</b>	
Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$	
<b>TOTAL NATIONAL FEE=</b>				<b>\$1,425.00</b>	
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property				+	\$
<b>TOTAL FEE ENCLOSED=</b>				<b>\$1,425.00</b>	
				Amount to be: refunded	\$
				charged:	\$

a. ☐ A check in the amount of \$ to cover the above fee is enclosed.

b. ☒ Please charge Deposit Account No. 07-0181 in the amount of \$1,425.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

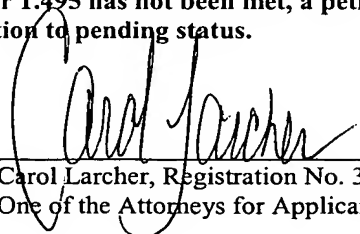
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-0181. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Customer Number: 08968

Gardner Carton & Douglas LLP  
191 N. Wacker Drive, Suite 3700  
Chicago, Illinois 60606-1698

  
 Carol Larcher, Registration No. 35,243  
 One of the Attorneys for Applicant(s)

Date: March 17, 2005

U.S. APPLICATION NO.

Unassigned

10/528311

INTERNATIONAL APPLICATION NO.

PCT/US2003/029684

ATTORNEY DOCKET NO.

P2142US

## CERTIFICATION UNDER 37 CFR 1.10

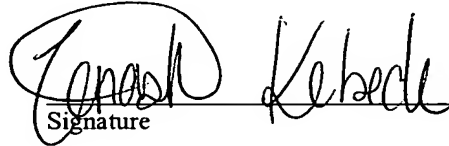
"Express Mail" Label Number: EF366666680US

Date of Deposit: March 17, 2005

I hereby certify that this express request to begin national examination procedures under 35 U.S.C. 371(f) of the International Patent Application referenced above, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Attention: DO/EO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Zenash S. Kebede

Printed Name of Person Signing:

  
Signature